

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1391	438/460.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/05/15 18:13
L2	1	10/507321	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/05/15 18:13
L3	2	"6770544".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/05/15 18:16
S1	37	{("20020006765"   "200300024909"   "4562333"   "5211805"   "5254833"   "5543365"   "5622540"   "5637244"   "5656186"   "5776220"   "5826772"   "6055829"   "6211488"   "6252197"   "6257224"   "6259058"   "6322958"   "6420678"   "6489588").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/19 15:19
S2	148116	laser\$1 with process\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/06 16:02
S3	5911	S2 and irradiat\$3 same object\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/30 21:33
S5	662	S3 and substrate\$1 same laminates\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/30 19:25
S6	347067	laser\$1 with light\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/06 16:04
S7	662	S5 andlaser\$1 with light\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/06 16:04
S8	568	S5 and laser\$1 with light\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/06 16:04

S9	28	S8 and ((light with converging) or(light-converging))	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/06 16:06
S10	14	S9 and cut\$3	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/06 16:07
S11	148273	laser\$1 with process\$3	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/07 10:08
S12	65021	S11 and ( cut\$3 or separate)	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/07 10:08
S14	5425	S12 and power with density	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/07 10:10
S15	1350	S14 and pulse with width	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/07 10:10
S16	681	S15 and @Ad< "20020312"	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/08 18:05
S17	97	S16 and ((modified with region\$1) or (crack\$1))	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/07 10:13
S20	67	S17 and (distance)	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/07 10:14
S21	3	"3,629,545".pn.	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/08 21:24
S22	37	("20020006765"   "20030024909"   "4562333"   "5211805"   "5254833"   "5543365"   "5622540"   "5637244"   "5656186"   "5776220"   "5826772"   "6055829"   "6211488"   "6252197"   "6257224"   "6259058"   "6322958"   "6420678"   "6489588").PN.	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/30 19:25

S23	2	S22 and laminate	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/30 19:26
S24	948871	laser\$1	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/30 19:27
S25	166763	S24 and cut\$3	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/30 19:27
S26	37586	S25 and irradiat\$3	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/30 19:28
S27	1656	S26 and laminate same substrate	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/30 19:28
S28	1477	S27 and light	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/30 19:32
S29	30	S28 and (light-converging or light adj converg\$3)	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/30 19:33
S30	8	S29 and @ad< "20020312"	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/30 19:32
S31	684	S27 and @ad< "20020312"	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/30 19:32
S32	613	S31 and light	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/30 19:34
S33	253	S31 and laser adj light	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/30 19:34
S34	3	"3,629,545".pn.	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/30 21:14
S35	3	"3629545".pn.	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/30 21:14

S36	964689	laser\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/30 21:33
S37	295749	S36 and substrate\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/30 21:34
S38	845	S37 and (light-converging or light adj converging)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/30 21:35
S39	223	S38 and irradiating	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/30 21:42
S40	18	S39 and power adj density	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/30 21:42
S41	18	S40 and pulse adj width	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/30 21:43
S42	35163	S37 and irradiating	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/30 21:42
S43	1866	S42 and power adj density	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/30 21:43
S44	533	S43 and pulse adj width	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/30 21:43
S45	510	S44 and light\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/30 21:44
S46	192	S45 and @ad< "20020312"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/30 21:47
S47	27	S46 and laminate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/30 21:49
S48	10	S47 and cut\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/30 21:50

S49	3	"3629545".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/14 17:45
S50	37	("20020006765"   "20030024909"   "4562333"   "5211805"   "5254833"   "5543365"   "5622540"   "5637244"   "5656186"   "5776220"   "5826772"   "6055829"   "6211488"   "6252197"   "6257224"   "6259058"   "6322958"   "6420678"   "6489588").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/14 17:49
S51	7	S50 and (Power adj density)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/14 17:49
S52	2	S51 and pulse adj width	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/14 17:49
S53	967547	laser\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/14 17:57
S54	191185	S53 and irradiat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/14 17:57
S55	10031	S54 and laminate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/14 17:58
S56	130	S55 and light adj converg \$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/14 17:58
S57	31	S56 and power adj density	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/14 17:59
S58	12	S57 and pulse adj width	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/14 17:59
S59	3	"3629545".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/16 09:47

S60	3	"3629545".pn.	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/16 10:19
S61	4	"3112850".pn.	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/16 10:19
S62	3208494	cut\$4	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/30 14:22
S64	34613	S62 and laser adj light\$1	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/30 14:23
S65	980843	laser	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/08 18:05
S66	980887	laser\$1	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/08 18:05
S67	652864	S65 and @Ad< "20020312"	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/08 21:24
S68	180863	S67 and (substrate\$1 or wafer\$s)	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/08 18:07
S69	29736	S68 and laminat\$3	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/08 18:07
S70	5874	S69 and laser adj light	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/08 21:25
S71	132	S70 and ((light adj converg \$3)or (light-converg\$4))	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/08 18:11
S72	74	S71 and cut\$3	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/08 18:11
S73	401479	irradia\$3	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/08 18:24

S74	15509	laser adj process\$3	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/08 18:25
S75	4800	S74 and irradiat\$3	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/08 18:25
S76	1486	S75 and cut\$3	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/08 18:25
S77	29	S76 and (lamine same dispos\$3)	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/08 18:27
S78	340	S76 and ((lamine same dispos\$3)or (oxide adj film))	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/08 18:27
S79	1160	438/460.ccls.	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/08 21:24
S82	105997	S80 and laser adj light	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/08 21:25
S83	2	"5211805".pn.	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/19 15:20
S84	1163	438/460.ccls.	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/19 15:43
S85	493	S84 and @Ad< "20020312"	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/19 15:43
S86	19	S85 and laser adj light	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/19 15:48
S87	11	S86 and semiconductor adj substrate	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/19 16:00
S88	7	S87 and insulat\$3	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/19 16:02

S89	493	S84 and @Ad< "20020312"	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/19 15:56
S90	983169	laser\$1	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/19 15:57
S91	174907	S90 and cut\$3	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/19 15:57
S92	39647	S91 and irradiat\$3	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/19 15:57
S93	1792	S92 and laminate same substrate	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/19 15:57
S94	689	S93 and @ad< "20020312"	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/19 15:57
S95	64	S94 and semiconductor adj substrate	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/19 16:02
S96	64	S95 and cut\$3	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/19 16:02
S97	60	S96 and insulat\$3	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/19 16:02
S98	2	"20020115235".pn.	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/15 17:09
S99	1307	438/460.ccls.	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/15 17:12
S100	2	"20020115235".pn.	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/16 06:51



S101	37	("20020006765"   "20030024909"   "4562333"   "5211805"   "5254833"   "5543365"   "5622540"   "5637244"   "5656186"   "5776220"   "5826772"   "6055829"   "6211488"   "6252197"   "6257224"   "6259058"   "6322958"   "6420678"   "6489588").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/16 07:22
S102	0	S101 and (insulat\$3 adj (substrate wafer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/16 07:22
S103	0	S101 and (insulat\$3 same (substrate wafer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/16 07:22
S104	105828	(insulat\$3 adj (substrate wafer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/16 07:23
S105	458	(insulat\$3 adj (substrate wafer)) same (cut\$3 dic\$3 divid\$3) same laser	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/16 07:23
S106	279	S105 and @ad< "20020312"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/16 07:24
S107	47394	S106 (( etch\$ grind\$3) same (chemical adj etch \$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/16 07:43
S108	11	S106 and (( etch\$ grind\$3) same (chemical adj etch \$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/16 07:44
S109	13	S106 and (refractive same index)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/16 08:00
S110	1	10/507321	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/16 08:40
S111	0	S106 and (substrate same (piezoelectric "LiTaO. sub.3"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/16 08:51

S112	0	S106 and ((substrate wafer) same (piezoelectric or "LiTaO.sub.3"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/16 08:52
S113	45785	((substrate wafer) same (piezoelectric or "LiTaO.sub.3"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/16 08:53
S114	25710	S113 and @ad< "20020312"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/16 08:53
S115	573	S107 and S114	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/16 08:54
S116	49	S115 and (laser same cut \$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/16 08:55
S117	765	257/E21.237.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/16 09:57

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